



Document Transmittal

Upper Trishuli-1 HEP (216MW)

Date

2022-05-13

DT No.:

UT1-HEP-DHI-PC-D-0030

SHEET
1 OF 1

DOOSAN NEPAL BRANCH OFFICE			Address & Contact No. : Four Square Building, Naxal, Kathmandu, Nepal (P.O Box : 1387) + 977 1 692 3014		Project No. H20002	DOCUMENT DISPATCHED BY <input checked="" type="checkbox"/> Courier Service <input type="checkbox"/> <input checked="" type="checkbox"/> Messenger <input type="checkbox"/> <input checked="" type="checkbox"/> Post-Air Freight <input type="checkbox"/> <input checked="" type="checkbox"/> Document System or E-mail <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> By hand <input type="checkbox"/>	
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SUBJECT			Review Note RN-0125_Surrounding Rock Stability Calculations of Adit No. 3				
S. N.	REVIEW NOTE NO.	REVIEW STATUS	DWG. / DOC. NO.	REV.	DWG. TITLE / DOC. DESCRIPTION		REMARK
1	RN-0125	AN	UT1-C-150-CVL-DC-43002	0E	Surrounding Rock Stability Calculations of Adit No. 3		
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Legend of Review Status

A : APPROVED
AN : APPROVED AS NOTED
RR : RETURN FOR RESUBMISSION
FI : FOR INFORMATION

DHI STAMP



Issued by DHI

Youngsoo Son

Project Manager

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Doosan Heavy Industries & Construction Co., Ltd.

Discipline : Civil

UPPER TRISHULI-1 HEP (216MW)

Client	Nepal Water and Energy Development Company Private Limited		
Owner's Engineer	Tractebel Engineering GmbH / Jade Consult		

REVIEW NOTE

Contractor	Doosan Heavy Industries & Construction Co., Ltd.		
Title of the Document	Surrounding Rock Stability Calculations of Adit No. 3		
Document No.	UT1-C-150-CVL-DC-43002	Revision	OE
Date of Documents	21.04.2021	Received Date	21.04.2022
Transmittal Form No.	UT1-HEP-DHI-D-0211		
Previous Review Date/Status	N/A; see letter OE-TJ-UT1-OUT Site-DHI 115, dated 06 April 2022	Prev. Review Note No.	RR
Review Note No.	RN-0125	Present Review Date	12.05.2022
		Present Review Status	AN

A: Approved AN: Approved as Noted RR: Returned for Resubmission FI: For Information, only.

Comments

In Chapters 6.3 to 6.7 calculations for Class II and Class IV rock are presented that result in different support for different overburden thickness. To avoid any confusion during the construction, the support drawings need to be adjusted.

This is required for the calculation report in hand (Doc. No. UT1-C-150-CVL-DC43002, Chapter 1.1) as well as for the Construction Drawings Nos. UT1-C-385-CVL-DG-65002-(01-04). Furthermore, in Drawing No. UT1-C-385-CVL-DG-65002-01 (longitudinal profile) it shall be made clear for which tunnel section the respective support for the corresponding overburden thickness shall apply.

DISCLAIMER

Any approval will not release the Contractor from any of his obligations under the Contract.



Dr. Ulrich Glawe